

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043580.D
 Acq On : 06 May 2021 14:04
 Operator : SY/MD
 Sample : M2251-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-578-580

Quant Time: May 07 02:04:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

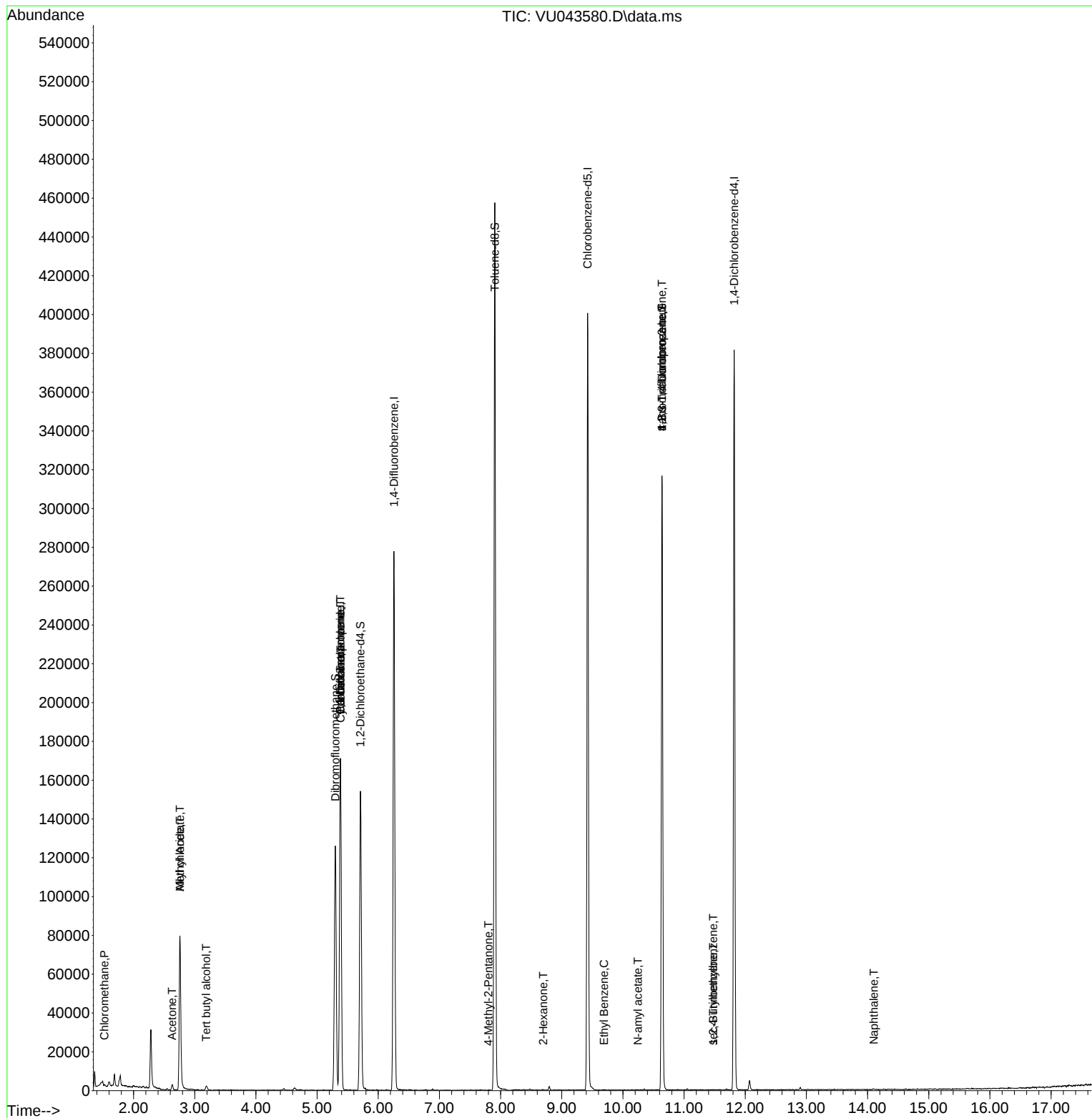
Internal Standards						
1) Pentafluorobenzene	5.382	168	110127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	199488	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	192077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	116916	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	5.298	113	78627	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	7.906	98	274229	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	10.639	95	94410	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	741	0.68	ug/l	89
11) Tert butyl alcohol	3.186	59	1550	2.59	ug/l #	73
14) Allyl chloride	2.758	41	8340	2.61	ug/l #	65
16) Acetone	2.629	43	3300	2.67	ug/l	99
18) Methyl Acetate	2.758	43	21773	7.70	ug/l #	58
31) Cyclohexane	5.385	56	3044	1.14	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	10366	4.58	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12189	5.31	ug/l #	17
51) 4-Methyl-2-Pentanone	7.803	43	67	19.20	ug/l #	41
59) 2-Hexanone	8.697	43	220	20.77	ug/l #	30
67) Ethyl Benzene	9.693	91	45	1.46	ug/l #	45
74) N-amyl acetate	10.243	43	59	2.53	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	55198	19.32	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	55198	62.91	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.478	105	100	1.13	ug/l #	33
85) sec-Butylbenzene	11.478	105	100	1.35	ug/l #	59
95) Naphthalene	14.102	128	430	1.58	ug/l #	69

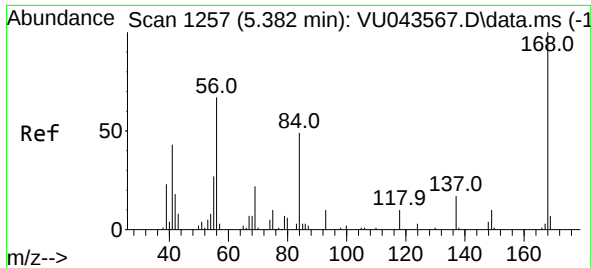
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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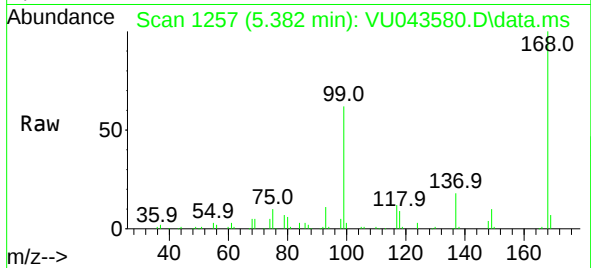
Quant Time: May 07 02:04:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
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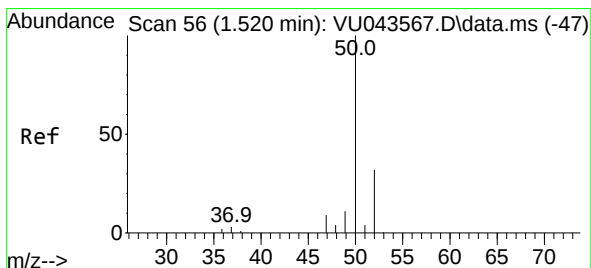
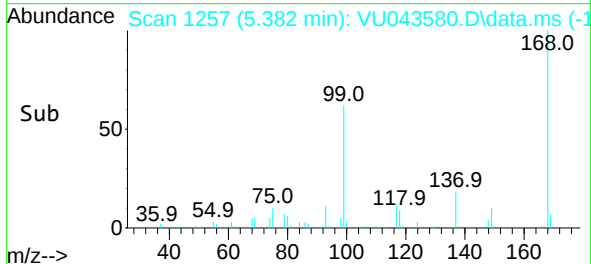
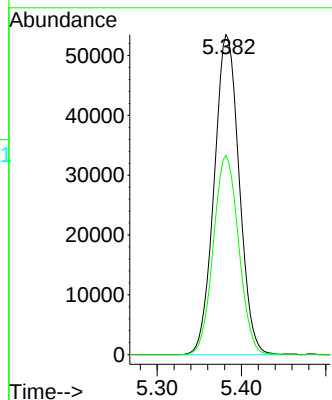


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

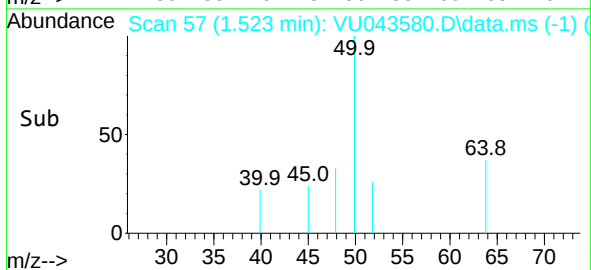
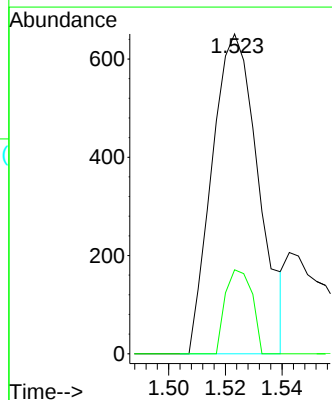
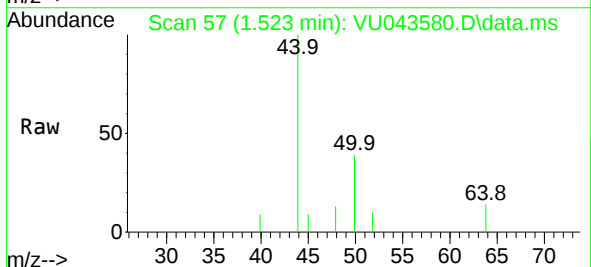


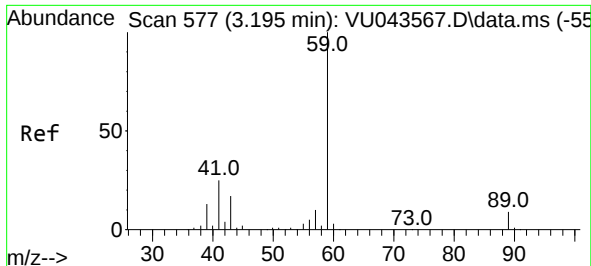
Tgt Ion:168 Resp: 110127
Ion Ratio Lower Upper
168 100
99 62.2 49.0 73.6



#3
Chloromethane
Concen: 0.68 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Tgt Ion: 50 Resp: 741
Ion Ratio Lower Upper
50 100
52 26.3 25.9 38.9

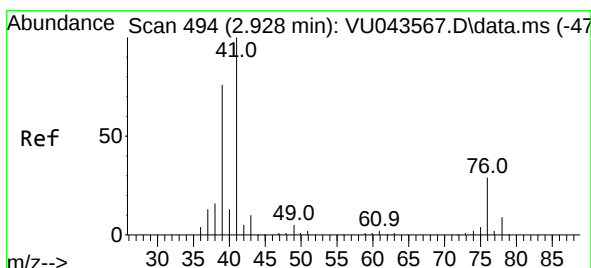
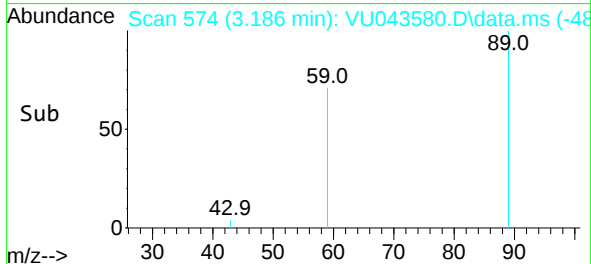
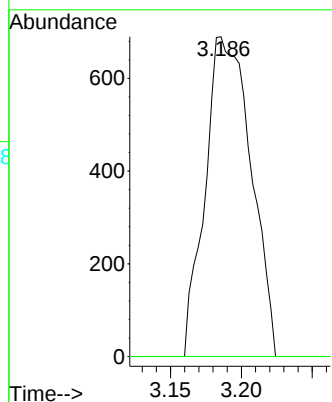
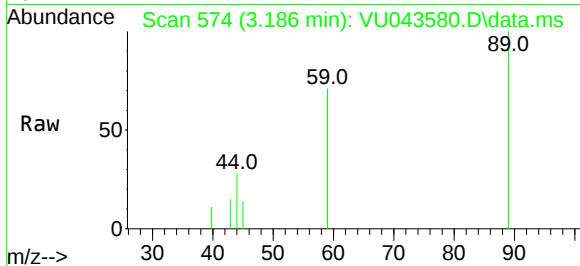




#11
Tert butyl alcohol
Concen: 2.59 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.010 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

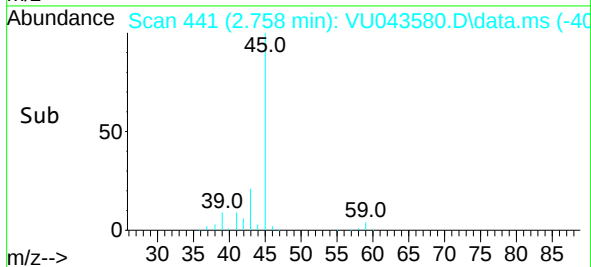
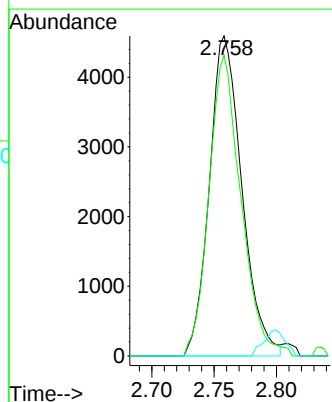
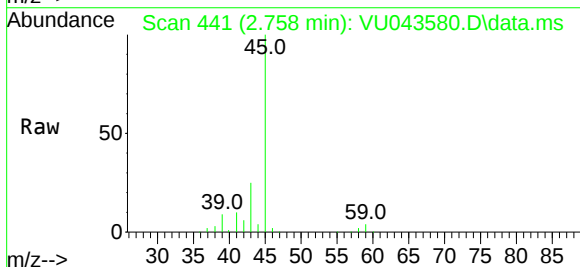
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

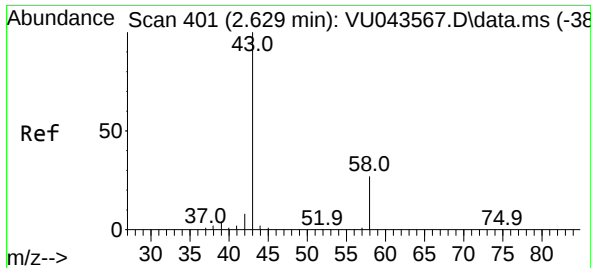
Tgt Ion: 59 Resp: 1550
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#14
Allyl chloride
Concen: 2.61 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

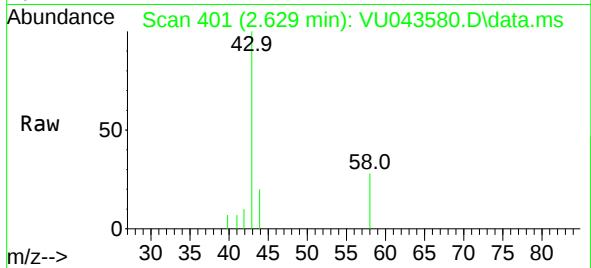
Tgt Ion: 41 Resp: 8340
Ion Ratio Lower Upper
41 100
39 92.5 54.5 81.7#
76 0.0 19.9 29.9#



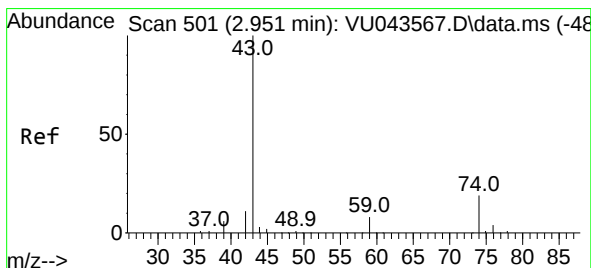
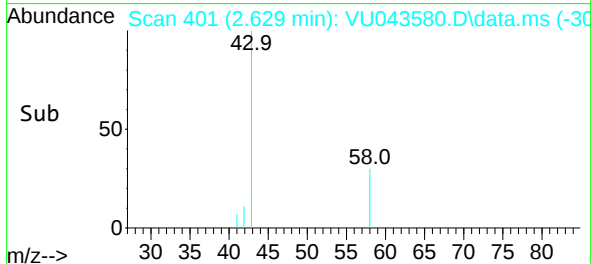
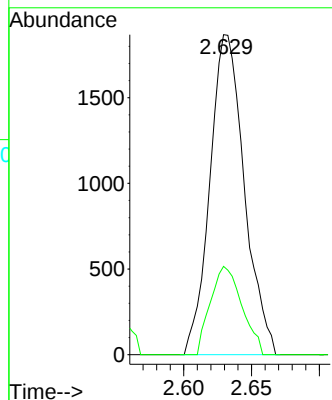


#16
Acetone
Concen: 2.67 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

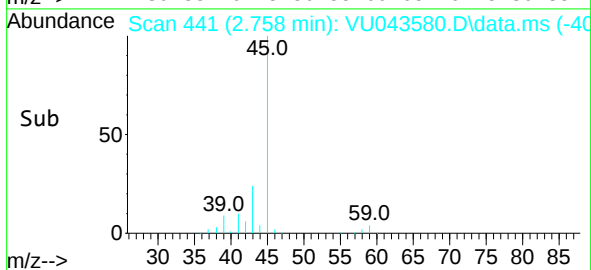
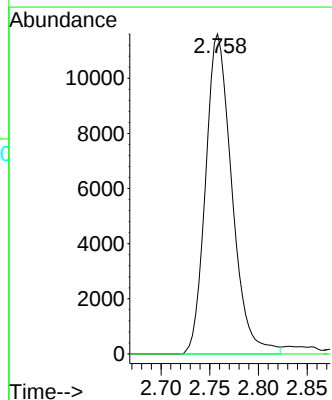
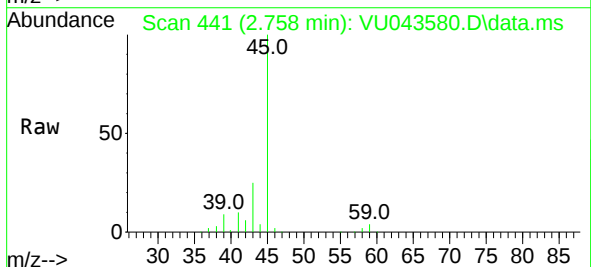


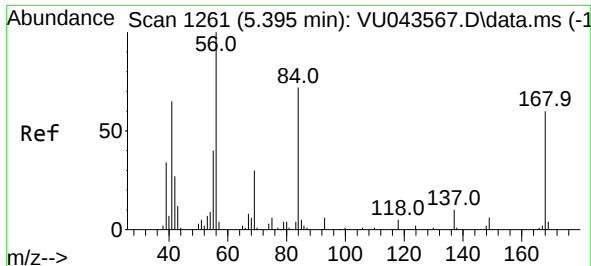
Tgt Ion: 43 Resp: 3300
Ion Ratio Lower Upper
43 100
58 27.6 21.7 32.5



#18
Methyl Acetate
Concen: 7.70 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

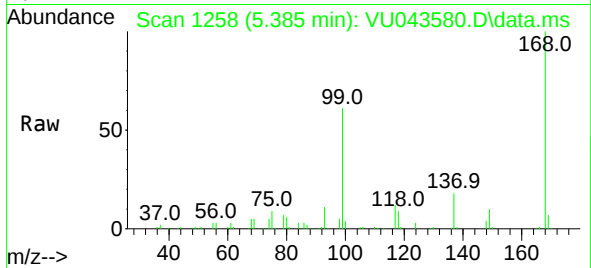
Tgt Ion: 43 Resp: 21773
Ion Ratio Lower Upper
43 100
74 0.0 15.3 22.9#



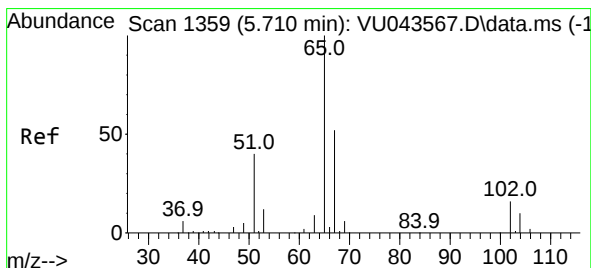
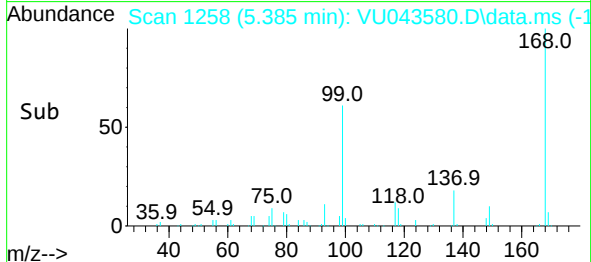
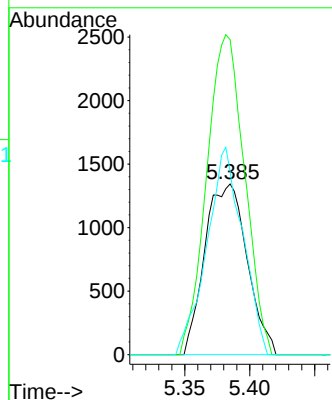


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

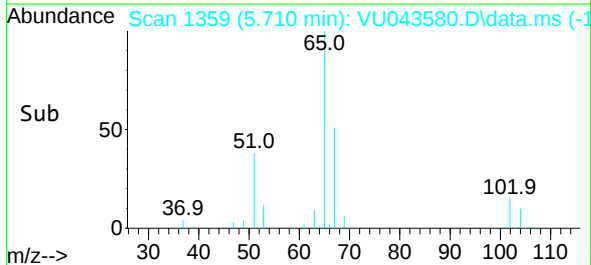
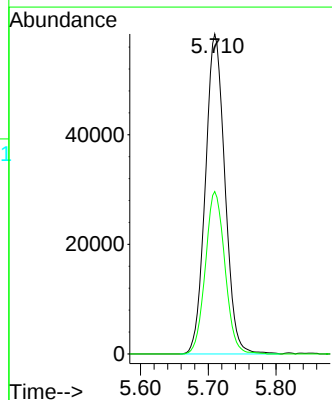
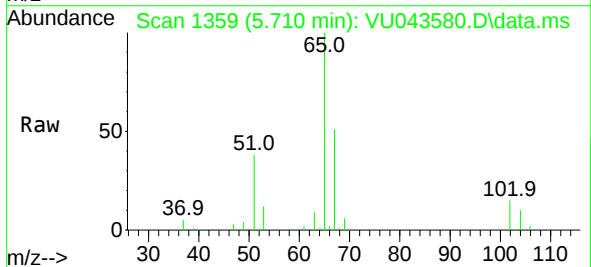


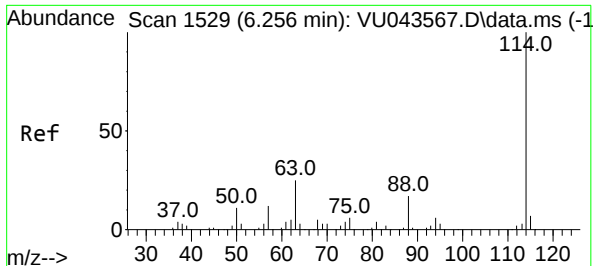
Tgt Ion: 56 Resp: 3044
Ion Ratio Lower Upper
56 100
69 184.5 23.9 35.9#
84 107.3 57.7 86.5#



#33
1,2-Dichloroethane-d4
Concen: 52.44 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Tgt Ion: 65 Resp: 116916
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.000 min

Lab File: VU043580.D

Acq: 06 May 2021 14:04

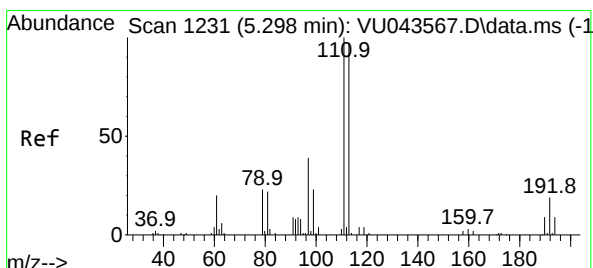
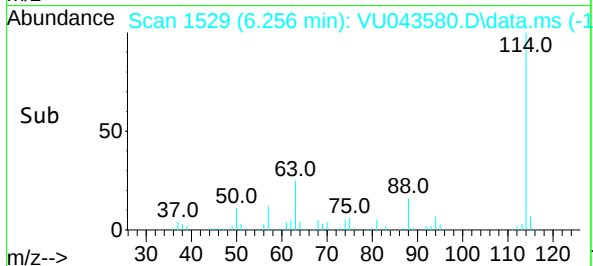
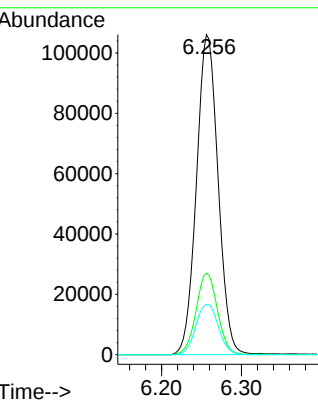
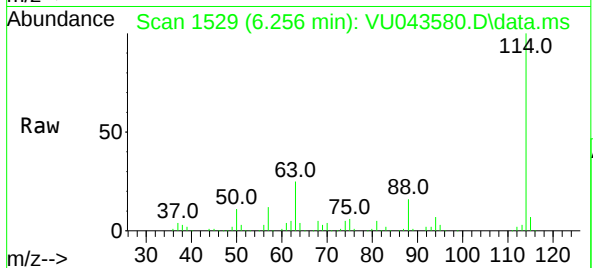
Tgt Ion:114 Resp: 199488

Ion Ratio Lower Upper

114 100

63 25.5 0.0 50.2

88 15.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.42 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU043580.D

Acq: 06 May 2021 14:04

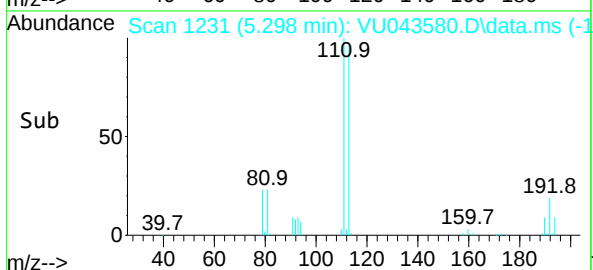
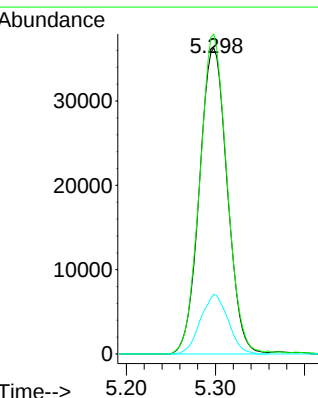
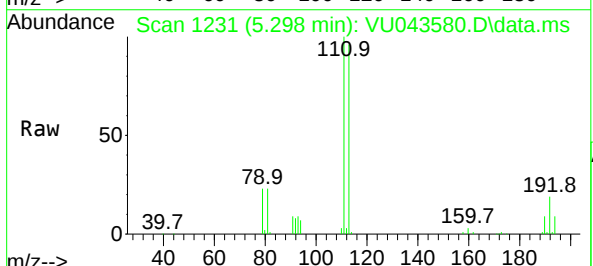
Tgt Ion:113 Resp: 78627

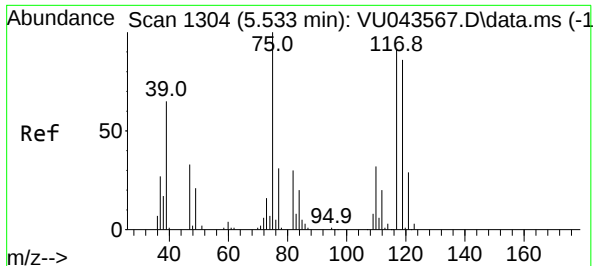
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 19.3 15.8 23.6





#36

1,1-Dichloropropene

Concen: 4.58 ug/l

RT: 5.382 min Scan# 1257

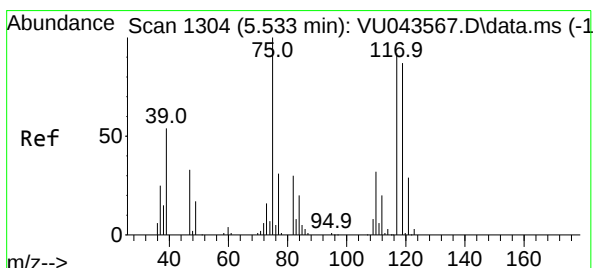
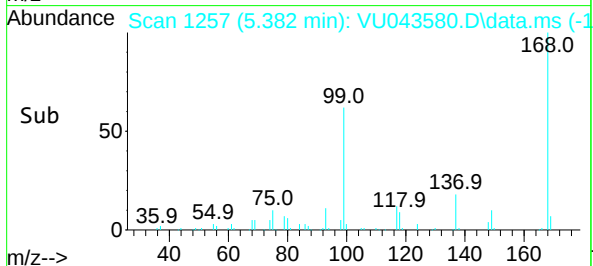
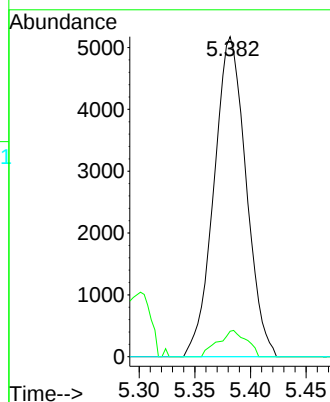
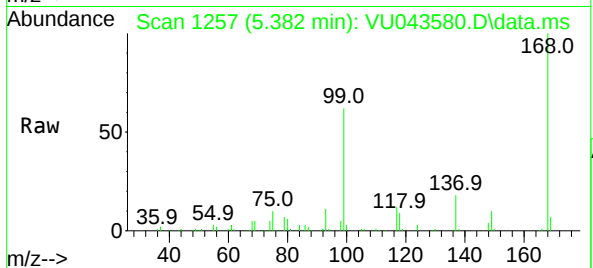
Delta R.T. -0.151 min

Lab File: VU043580.D

Acq: 06 May 2021 14:04

Tgt Ion:	75	Resp:	10366
Ion	Ratio	Lower	Upper
75	100		
110	7.3	16.2	48.5#
77	0.0	24.4	36.6#

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#38

Carbon Tetrachloride

Concen: 5.31 ug/l

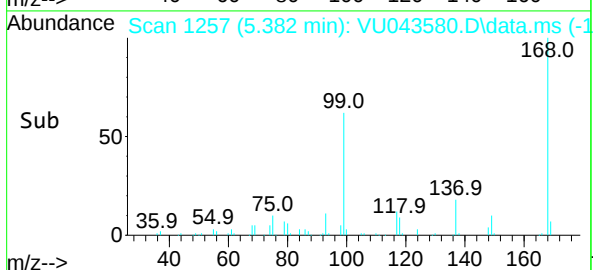
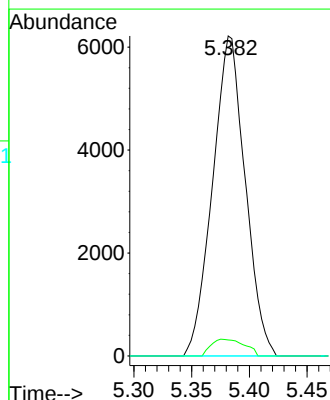
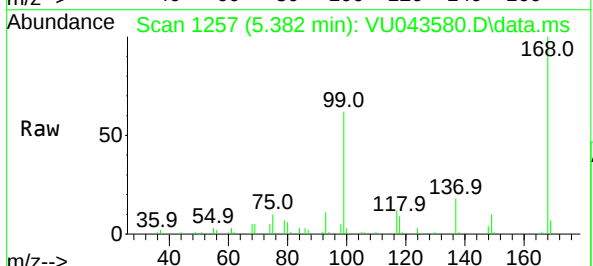
RT: 5.382 min Scan# 1257

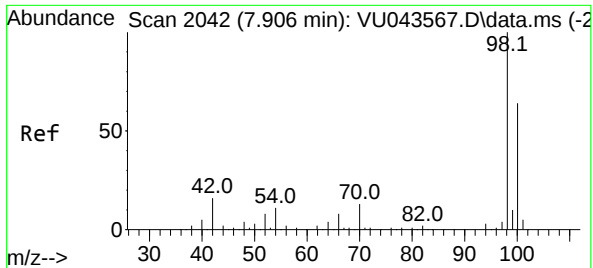
Delta R.T. -0.151 min

Lab File: VU043580.D

Acq: 06 May 2021 14:04

Tgt Ion:	117	Resp:	12189
Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.4	113.0#
121	0.0	25.2	37.8#

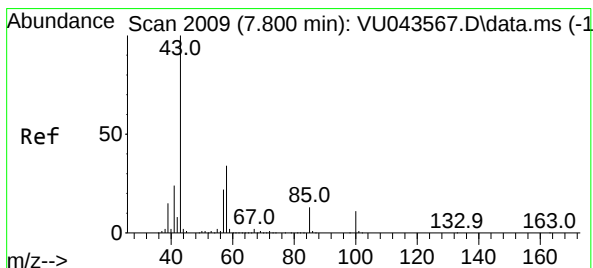
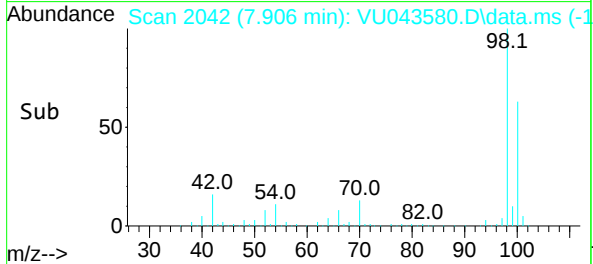
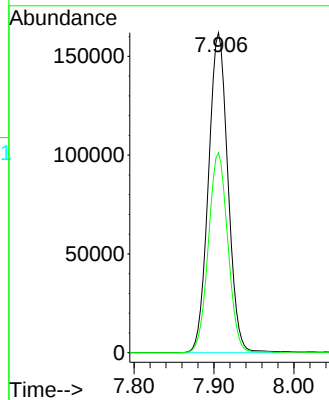
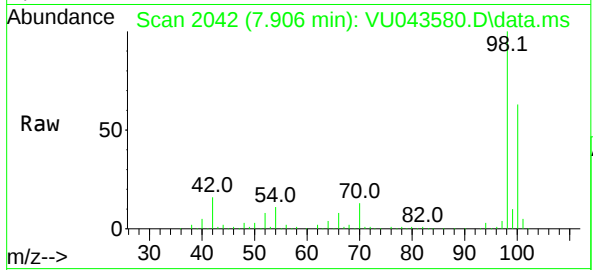




#50
Toluene-d8
Concen: 48.62 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

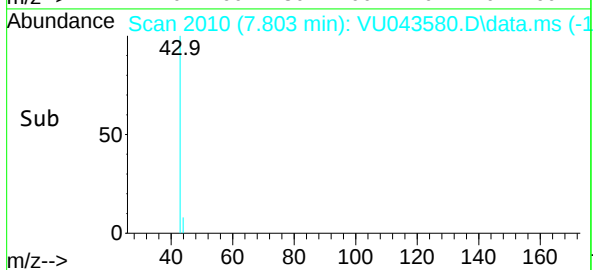
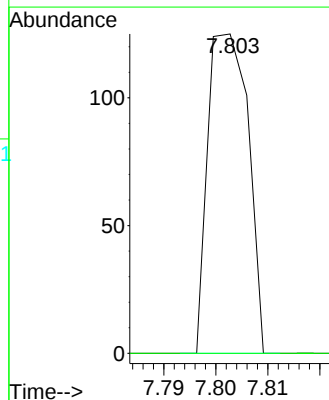
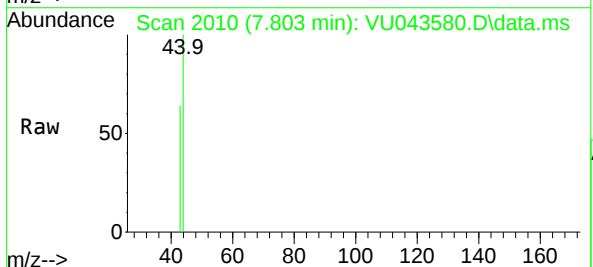
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

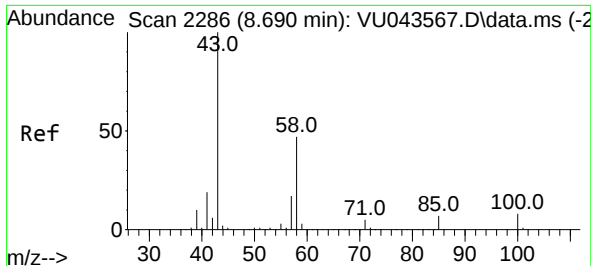
Tgt Ion: 98 Resp: 274229
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.20 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#

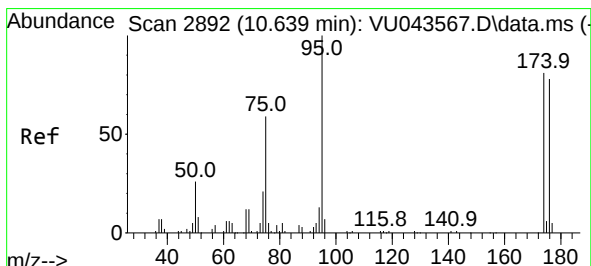
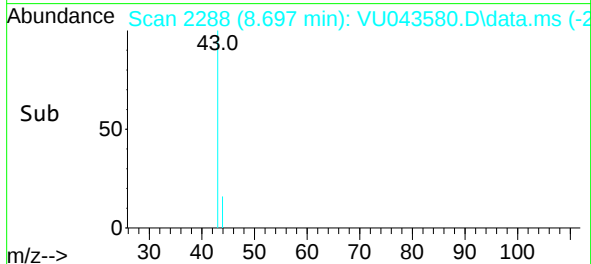
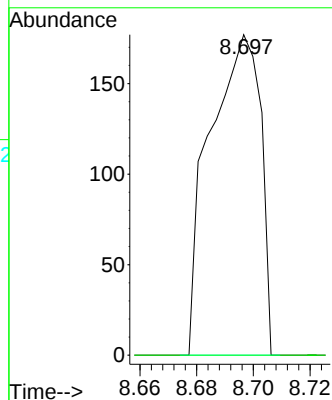
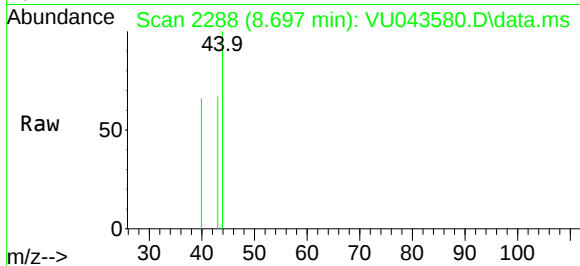




#59
2-Hexanone
Concen: 20.77 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.007 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

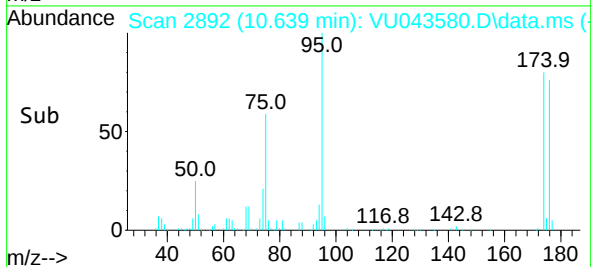
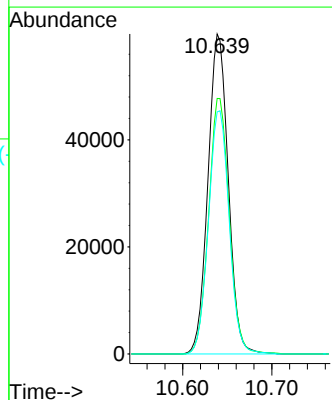
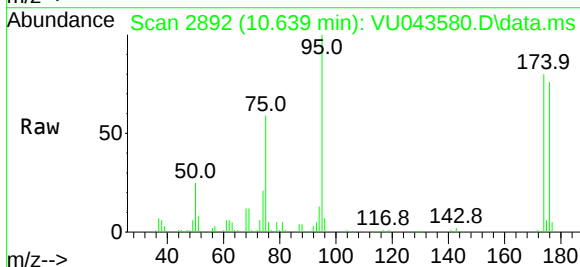
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

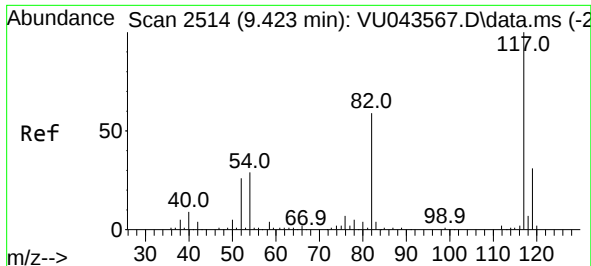
Tgt Ion: 43 Resp: 220
Ion Ratio Lower Upper
43 100
58 0.0 23.4 70.2#



#62
4-Bromofluorobenzene
Concen: 43.99 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Tgt Ion: 95 Resp: 94410
Ion Ratio Lower Upper
95 100
174 81.4 0.0 158.8
176 77.7 0.0 155.6

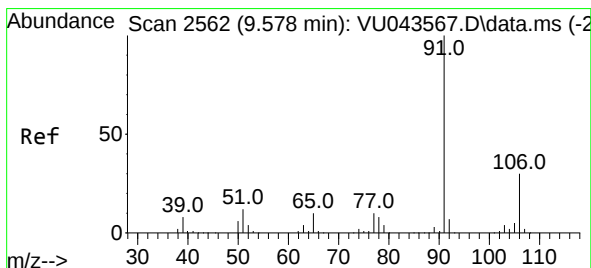
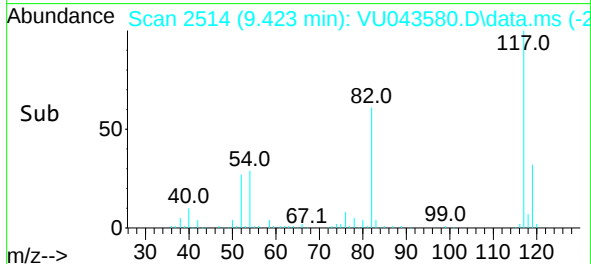
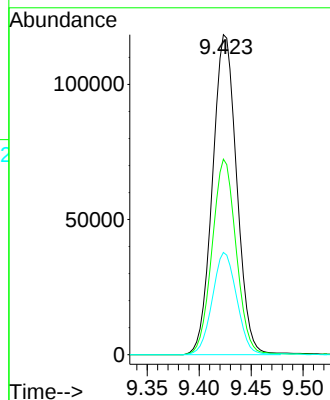
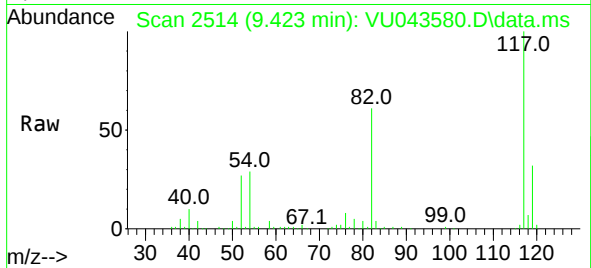




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

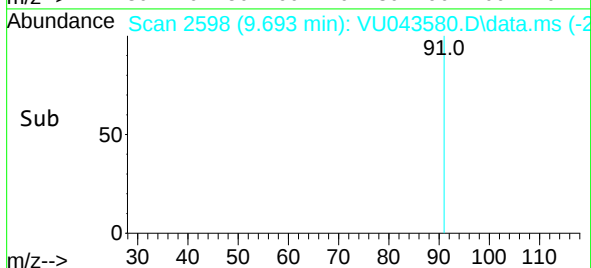
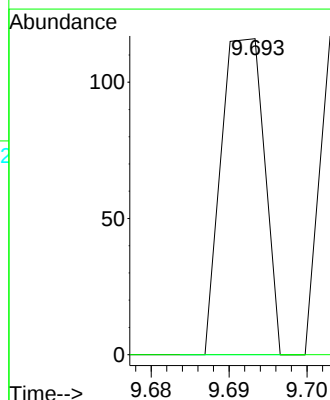
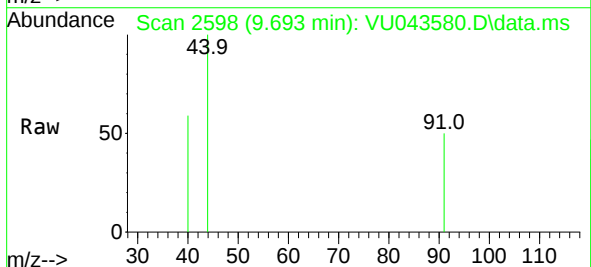
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

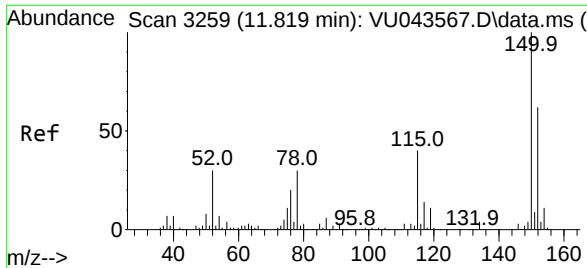
Tgt Ion:117 Resp: 192077
Ion Ratio Lower Upper
117 100
82 61.1 47.5 71.3
119 31.9 24.7 37.1



#67
Ethyl Benzene
Concen: 1.46 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.115 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

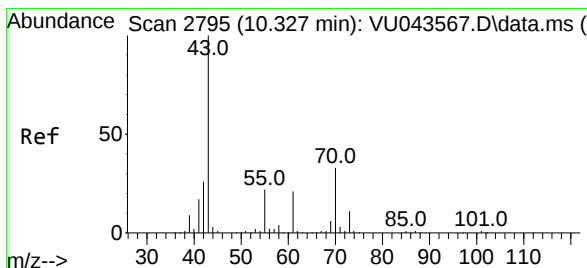
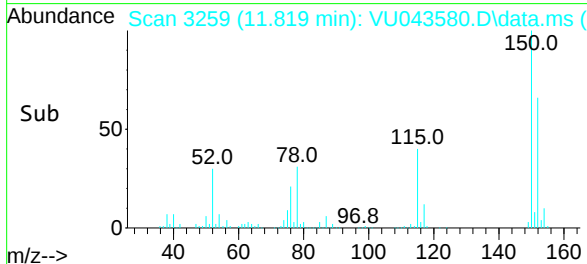
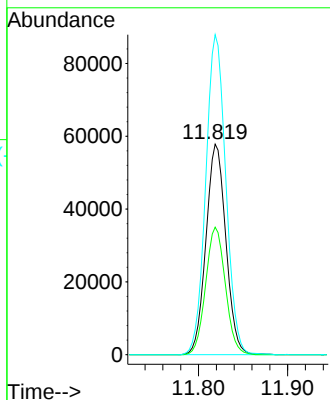
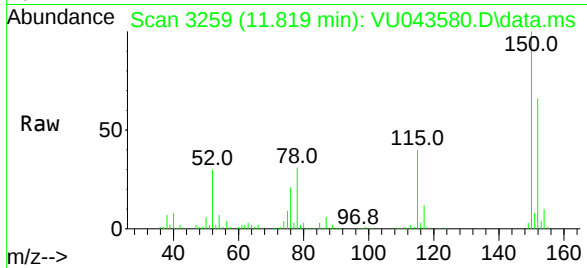




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

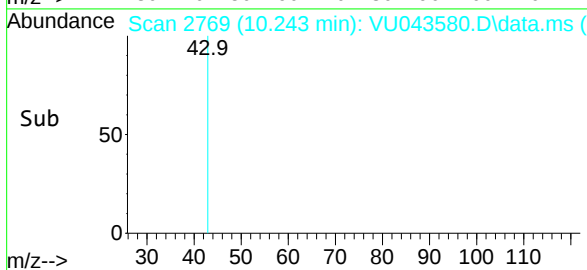
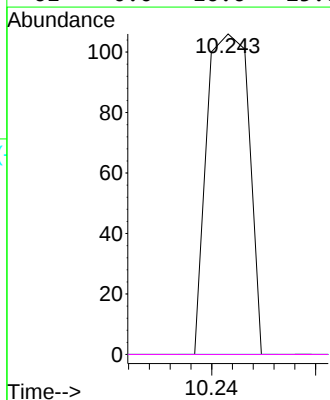
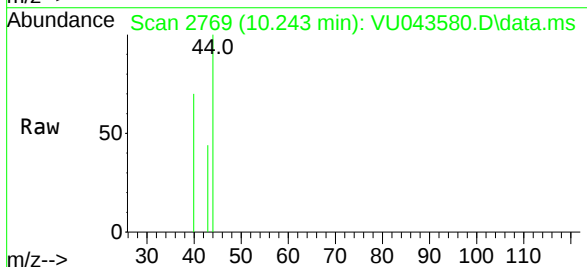
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

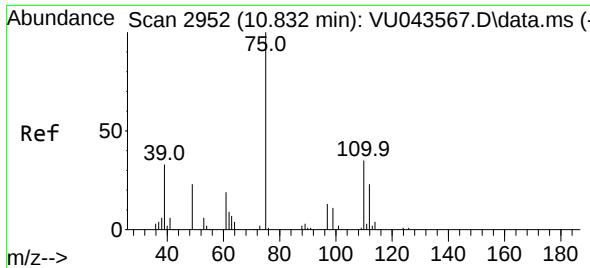
Tgt Ion:152 Resp: 89861
Ion Ratio Lower Upper
152 100
115 59.9 46.1 138.3
150 152.8 0.0 361.0



#74
N-ethyl acetate
Concen: 2.53 ug/l
RT: 10.243 min Scan# 2769
Delta R.T. -0.084 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
70 0.0 26.4 39.6#
55 0.0 18.0 27.0#
61 0.0 16.6 25.0#

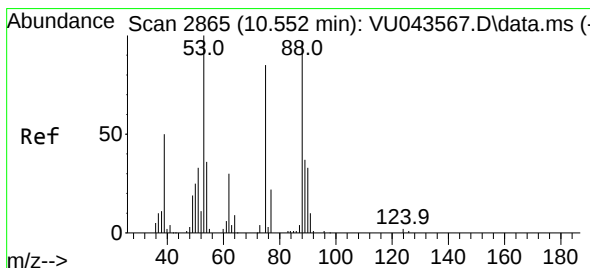
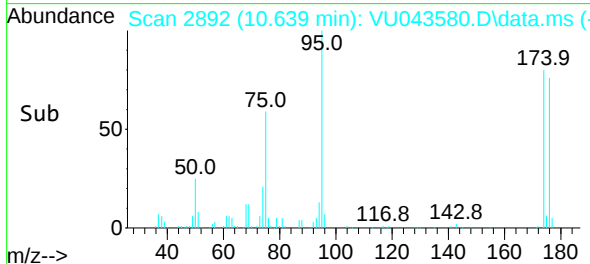
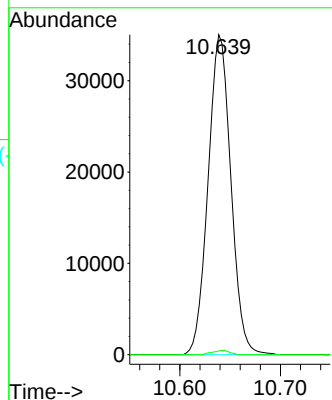
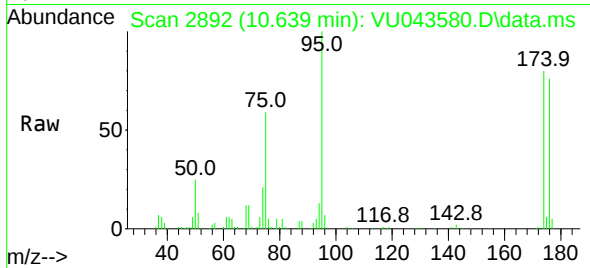




#76
1,2,3-Trichloropropane
Concen: 19.32 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

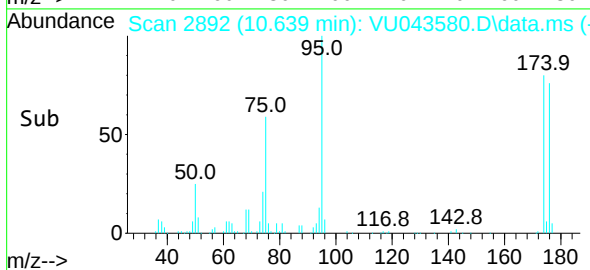
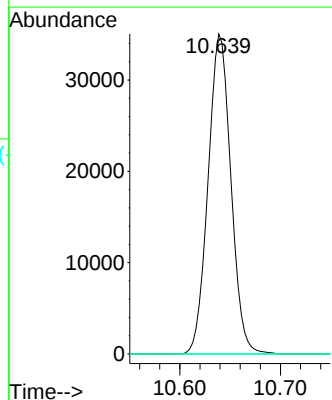
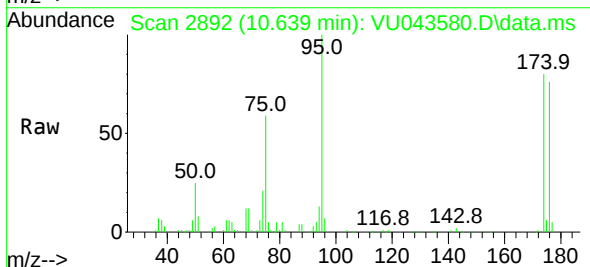
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

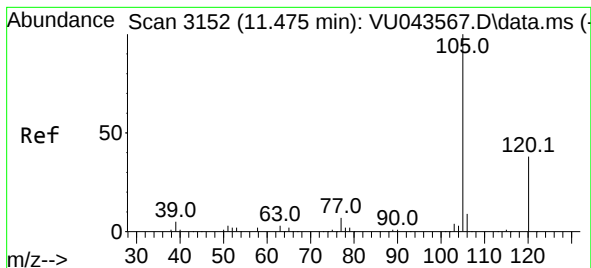
Tgt Ion: 75 Resp: 55198
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.91 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Tgt Ion: 75 Resp: 55198
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

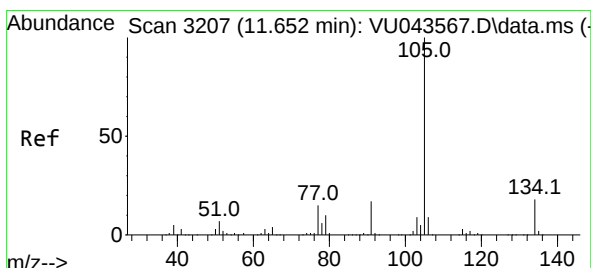
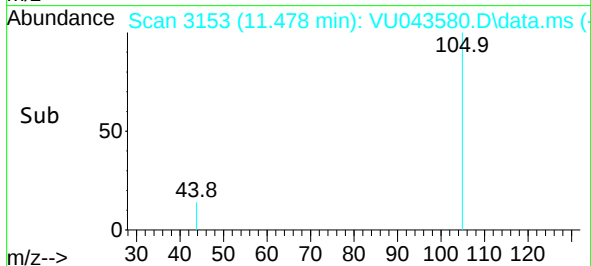
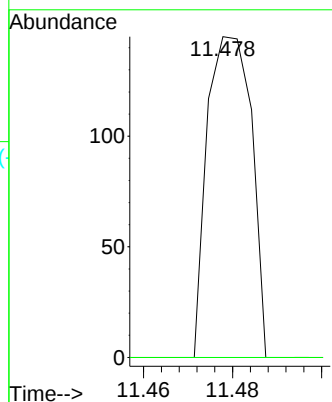
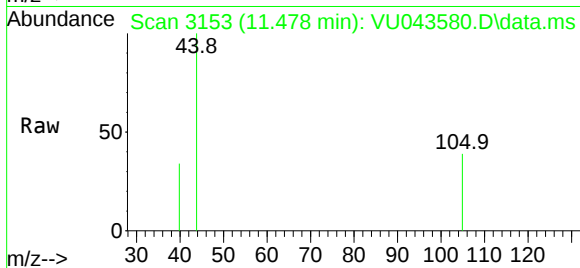




#84
1,2,4-Trimethylbenzene
Concen: 1.13 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

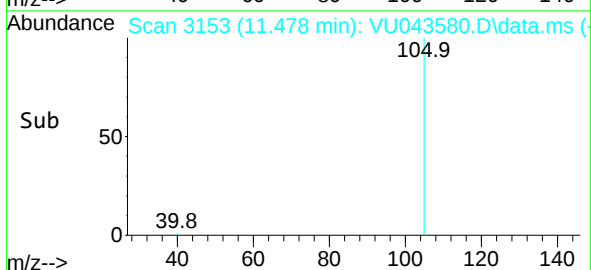
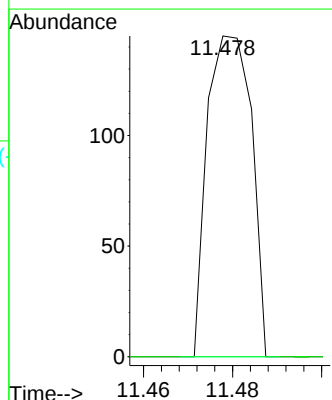
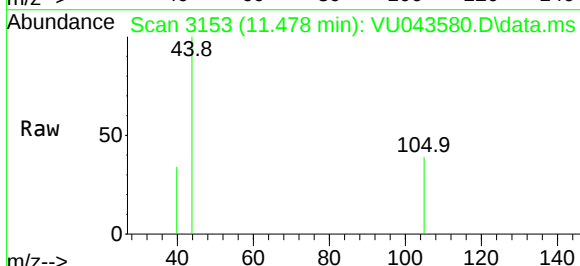
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580

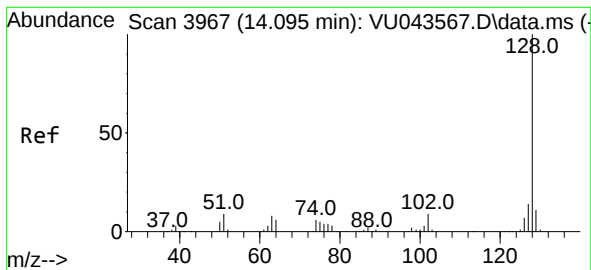
Tgt Ion:105 Resp: 100
Ion Ratio Lower Upper
105 100
120 0.0 21.4 64.2#



#85
sec-Butylbenzene
Concen: 1.35 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. -0.174 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

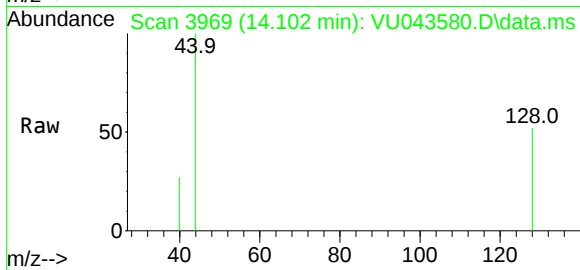
Tgt Ion:105 Resp: 100
Ion Ratio Lower Upper
105 100
134 0.0 9.2 27.6#





#95
Naphthalene
Concen: 1.58 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU043580.D
Acq: 06 May 2021 14:04

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-578-580



Tgt Ion:128 Resp: 430
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

